

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021320.D
 Acq On : 02 Aug 2024 14:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020722

Quant Time: Aug 02 23:39:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	205774	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.387	136	730438	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	495613	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	1049270	20.000	ng/u1	-0.01
79) Chrysene-d12	21.527	240	1168990	20.000	ng/u1	0.00
88) Perylene-d12	24.815	264	1444947	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	31020	6.860	ng/uL	-0.01
4) Pyridine-d5	3.581	84	199877	15.268	ng/u1	-0.01
7) Phenol-d5	6.834	99	300374	17.905	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	184705	18.167	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	254214	18.392	ng/u1	-0.02
15) 4-Methylphenol-d8	8.346	113	233736	16.775	ng/u1	-0.02
21) Nitrobenzene-d5	8.781	128	120311	21.206	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.493	143	111818	17.220	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.046	165	205882	17.534	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	311079	19.998	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	642272	17.827	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	758563	18.751	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	119546	23.321	ng/u1	0.00
60) Fluorene-d10	15.275	176	557678	18.868	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	106383	16.757	ng/u1	-0.01
73) Anthracene-d10	17.181	188	880902	18.902	ng/u1	-0.01
81) Pyrene-d10	19.569	212	1106234	15.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1337121	18.763	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	33981	6.833	ng/uL	98
5) Pyridine	3.599	79	208763	15.461	ng/u1	99
6) Benzaldehyde	6.793	77	193726m	22.905	ng/u1	
8) Phenol	6.858	94	309281	18.219	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.058	93	250944	17.894	ng/u1	99
12) 2-Chlorophenol	7.199	128	254448	18.367	ng/u1	97
13) 2-Methylphenol	8.087	108	236420	18.008	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	371424	18.333	ng/u1#	95
16) Acetophenone	8.446	105	377920	17.574	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.422	70	187089	16.604	ng/u1	99
18) 4-Methylphenol	8.416	108	244860	17.409	ng/u1	97
19) Hexachloroethane	8.657	117	113062	18.162	ng/u1	97
22) Nitrobenzene	8.822	77	289986	21.337	ng/u1	96
23) Isophorone	9.334	82	452418	16.745	ng/u1	99
25) 2-Nitrophenol	9.528	139	120528	17.797	ng/u1	98
26) 2,4-Dimethylphenol	9.593	107	227978	17.071	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.810	93	263424	16.040	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	202216	17.475	ng/u1	99
30) Naphthalene	10.434	128	785139	20.435	ng/u1	99
32) 4-Chloroaniline	10.581	127	298973	20.128	ng/u1	98
33) Hexachlorobutadiene	10.699	225	173314	19.975	ng/u1	99
34) Caprolactam	11.404	113	68502m	19.216	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	247846	19.704	ng/u1	100
36) 2-Methylnaphthalene	12.051	142	514960	19.525	ng/u1	99

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37) 1-Methylnaphthalene	12.275	142	539359	19.884	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	303350	18.847	ng/ul	97
40) Hexachlorocyclopentadiene	12.381	237	163440	19.411	ng/ul	100
41) 2,4,6-Trichlorophenol	12.693	196	179642	17.663	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	191834	17.827	ng/ul	97
43) 1,1'-Biphenyl	13.075	154	668471	18.456	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	532221	18.406	ng/ul	99
45) 2-Nitroaniline	13.369	65	154018	19.261	ng/ul	94
47) Dimethylphthalate	13.722	163	640362	17.517	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	129351	17.698	ng/ul	99
50) Acenaphthylene	13.987	152	857032	18.711	ng/ul	99
51) 3-Nitroaniline	14.216	138	127656	20.072	ng/ul	99
52) Acenaphthene	14.328	153	576646	18.968	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	84655	22.056	ng/ul	94
55) 4-Nitrophenol	14.587	109	79758	19.128	ng/ul#	76
56) Dibenzofuran	14.669	168	773213	18.573	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	191330	19.070	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.922	232	163551	17.749	ng/ul	99
59) Diethylphthalate	15.104	149	632721	17.319	ng/ul	100
61) Fluorene	15.328	166	632806	18.627	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	324858	17.622	ng/ul	99
63) 4-Nitroaniline	15.410	138	124653	23.667	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.469	198	113478	16.855	ng/ul#	97
67) N-Nitrosodiphenylamine	15.557	169	528601	17.300	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	205418	16.702	ng/ul	99
69) Hexachlorobenzene	16.363	284	237283	16.827	ng/ul	98
70) Atrazine	16.539	200	197119	17.701	ng/ul	99
71) Pentachlorophenol	16.745	266	169597	22.144	ng/ul	97
72) Phenanthrene	17.122	178	1028187	18.889	ng/ul	99
74) Anthracene	17.216	178	1038817	18.720	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.045	216	295318	17.585	ng/uL	98
76) Pentachlorobenzene	14.587	250	288278	17.275	ng/uL	99
77) Carbazole	17.516	167	930048	20.503	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1047546	16.738	ng/ul	99
80) Fluoranthene	19.222	202	1266526	14.511	ng/ul	98
82) Pyrene	19.598	202	1360148	15.315	ng/ul	98
83) Butylbenzylphthalate	20.533	149	543068	14.676	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	530068	19.844	ng/ul	98
85) Benzo(a)anthracene	21.504	228	1506053	18.392	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	786707	14.773	ng/ul	100
87) Chrysene	21.574	228	1398459	18.379	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	1215281	12.732	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1460356	16.654	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	1485442m	16.975	ng/ul	
93) Benzo(a)pyrene	24.668	252	1562310	18.854	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	1958308m	18.340	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	1631723	18.454	ng/ul	99
96) Benzo(g,h,i)perylene	29.745	276	1595566	18.348	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

